

ABSTRACT

An oxide of a transition metal element having at least two valences less than 4 is contained in a spherical dielectric ceramic powder. According to a composite dielectric material using the dielectric ceramic powder, the electric resistivity can be made to take such a high value as  $1.0 \times 10^{12} \Omega \cdot \text{cm}$  or more while satisfactory dielectric properties are being maintained.